

CORR 16600

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the

application:

387.1

530 389.4

388.3 1-20. (Cancelled).

424 160

1 21. (Currently Amended): ~~An isolated~~ A purified antibody ~~specific that binds with~~
~~for an HIV-2 protein selected from gp300, p200, and p90/80~~ and does not bind with HIV-
2 gp140.

22-24. (Cancelled).

2 25. (Currently Amended): ~~An isolated~~ A purified antibody according to claim 21,
wherein the antibody is labeled with one or more immunoassay labels.

3 26. (Currently Amended): ~~An isolated~~ A purified antibody according to claim 25,
wherein the one or more immunoassay labels is one or more of a radioisotope, an
enzyme, a fluorescent label, a chemiluminescent label, and a chromophore label.

4 27. (Currently Amended): ~~An isolated~~ A purified antibody according to claim 27,
wherein the antibody is a polyclonal antibody.

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5 28. (Currently Amended): ~~An isolated~~ A purified antibody according to claim 21,⁶ wherein the antibody is a monoclonal antibody.

6 29. (Currently Amended): ~~An isolated~~ A purified antibody according to claim [[22]] 21,¹ wherein the HIV-2 protein gp300 is a glycoprotein of HIV-2 having an apparent molecular weight of about 300 kilodaltons (Kd) by SDS-PAGE.

30-38. (Cancelled).

7 39. (New): A purified antibody that binds with HIV-2 p200 and does not bind with HIV-2 gp140.

8 40. (New): A purified antibody according to claim 39,⁷ wherein the antibody is labeled with one or more immunoassay labels.

9 41. (New): A purified antibody according to claim 40,⁸ wherein the one or more immunoassay labels is one or more of a radioisotope, an enzyme, a fluorescent label, a chemiluminescent label, and a chromophore label.

10 42. (New): A purified antibody according to claim 39,⁷ wherein the antibody is a polyclonal antibody.

11 ~~43~~⁷. (New): A purified antibody according to claim ~~39~~⁷, wherein the antibody is a monoclonal antibody.

12 ~~44~~⁷. (New): A purified antibody according to claim ~~39~~⁷, wherein the HIV-2 protein p200 is an unglycosylated protein of HIV-2 having an apparent molecular weight of about 200 kilodaltons (Kd) by SDS-PAGE.

13 ~~45~~. (New): A purified antibody that binds with HIV-2 p90/80 and does not bind with HIV-2 gp140.

14 ~~46~~¹³. (New): A purified antibody according to claim ~~46~~¹³, wherein the antibody is labeled with one or more immunoassay labels.

15 ~~47~~¹⁴. (New): A purified antibody according to claim ~~46~~¹⁴, wherein the one or more immunoassay labels is one or more of a radioisotope, an enzyme, a fluorescent label, a chemiluminescent label, and a chromophore label.

16 ~~48~~¹³. (New): A purified antibody according to claim ~~46~~¹³, wherein the antibody is a polyclonal antibody.

17 ~~49~~¹³. (New): A purified antibody according to claim ~~46~~¹³, wherein the antibody is a monoclonal antibody.

¹³
~~18~~ 50. (New): A purified antibody according to claim ~~46~~, wherein the HIV-2 protein p90/p80 is an unglycosylated protein of HIV-2 having an apparent molecular weight of about 90 kilodaltons (Kd) to about 80 Kd by SDS-PAGE.